

## HARPOON INTERFACE IN AN AIR LAUNCH SYSTEM

### ABSTRACT OF THE DISCLOSURE

An airborne missile launch system. The system includes a Harpoon aircraft command-launch control set (HACLCS) system, one or more Harpoon Block II missiles, and an interface controller coupled to the HACLCS system and the one or more Harpoon Block II missiles. The controller allows a user to create a missile profile mission. The controller combines the created missile profile mission with received positioning information. The missile(s) loads the combination into a navigation system of one of the Harpoon Block II missiles. The controller receives a mission-loaded signal upon completion of mission loading into one of the Harpoon Block II missiles, and converts the mission-loaded signal for interpretation by the HACLCS system.

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